

0010 ABSTRACT OF THE DISCLOSURE

This design is for a motor vehicle drivetrain utilizing flywheel rotation to store energy during the vehicle trip, either storing energy when accelerated, or releasing energy when slowed depending on the vehicle power requirements. At the same time the engine is allowed to operate at a constant RPM and throttle setting, determined by the best thermal efficiency of the engine selected (the engine itself is not a part of this patent application). The continuously variable speeds of the vehicle are made possible by the design's transmissions using sintered metal construction, a cogged drive belt, and a pattern of surface protrusions meshing with the cogged drive belt. The flywheels are slightly offset to allow simple gear meshing, and are counter-rotating to cancel out flywheel precession and torque reaction when providing power to the drive wheels. This eliminates any adverse effect on the vehicle's behavior that might otherwise result such as causing the vehicle to spin on slippery surfaces.

0011 DRAWINGS

Six drawings are included on four pages.

0012 OATH OR DECLARATION

Enclosed

0013 SEQUENCE LISTING

Not applicable